

AP3 Rec'd PCT/PTO 23 JUN 2006

Attorney Docket No. 0756-7725

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:)
Harue NAKASHIMA et al.) Attention: DO/EO/US
Based on PCT/JP2005/022240)
Filed: November 28, 2005)
For: LIGHT EMITTING ELEMENT AND)
LIGHT EMITTING DEVICE)

INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, Applicant submits herewith a Form PTO-1449 listing information known to Applicant and requests that this information be made of record in the above identified application. Copies are submitted herewith in accordance with 37 C.F.R. 1.98(a).

Copies of U.S. patents and U.S. publications are not enclosed in accordance with the Notice published in the Official Gazette on August 5, 2003 entitled *Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003*, which waives the requirement under 37 CFR 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. publication.

WO 2005/040117 is in the family of JP 2005-154421.


EP 0 948 063 and U.S. Patent No. 6,423,429 are in the family of JP 11-251067.

EP 0 855 848 and U.S. Patent No. 6,013,384 are in the family of JP 10-270172.

EP 1 089 361 and U.S. Patent No. 6,589,673 are in the family of JP 2001-102175.

EP 1 351 558 and U.S. Patent Publication No. 2003/0189401 are in the family of JP 2003-272860.

Respectfully submitted,


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(571) 434-6789

Receipt date: 06/23/2006

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Substitute for form 1449A/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number		
			Filing Date		
			First Named Inventor		
			Group Art Unit		
			Examiner Name		
Sheet	1	of	2	Attorney Docket Number	0756-7725

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		6,423,429		Kido et al.	07/23/2002	
		6,013,384		Kido et al.	01/11/2000	
		6,589,673		Kido et al.	07/08/2003	
		2003/0189401		Kido et al.	10/09/2003	

FOREIGN PATENT DOCUMENTS								
Examine r Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ²	Number ³	Kind Code ² (if known)				
		JP	2005-154421			06/16/2005		Abst.
		WO	2005/040117			05/06/2005		Eng.
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		JP	11-251067			09/17/1999		Abst.
		EP	0 948 063			10/06/1999		Eng.
		JP	02-288092			11/28/1990		Abst.
		JP	10-270172			10/09/1998		Abst.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS							
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					T ³
		Nakada et al., Proceedings of the Lecture Meeting of the Union Allied with the Japan Society of Applied Physics, The 63rd Autumn Meeting, "Multi Photon Emission Organic EL Devices Using Charge-Transfer Complex as Charge Generation Layer," Vol. 27a-ZL-12, pp.1165, 09/24/2002.					Full
		Zhang et al., Synthetic Metals, Carbazole-Based Hole-Transporting Materials for Electroluminescent Devices, Vol.137, pp.1111-1112, 01/01/2003.					
		Grigalevicius, Synthetic Metals, 3,6(2,7), 9-Substituted Carbazoles as Electroactive Amorphous Materials for Optoelectronics, Vol.156, pp.1-12, 01/01/2006					

Examiner Signature	/Jack Yang/	Date Considered	07/14/2009
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /JLY/

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Substitute for form 1449A/PTO				<div>Complete if Known</div> <div>Application Number</div>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				<div>Filing Date</div> <div>June 23, 2006</div>	
				<div>First Named Inventor</div> <div>Harue NAKASHIMA et al.</div>	
				<div>Group Art Unit</div> <div></div>	
				<div>Examiner Name</div> <div></div>	
				<div>Attorney Docket Number</div> <div>0756-7725</div>	
Sheet	2	of	2		

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Y ²
		Search Report (Application No. PCT/JP2005/022240) dated January 17, 2006	
		Written Opinion (Application No. PCT/JP2005/022240) dated January 17, 2006	
		Tang et al., Appl. Phys. Lett. (Applied Physics Letters), Organic Electroluminescent Diodes, Vol. 51, No. 12, pp. 913-915, 09/21/1987	

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